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INTELLECTUAL PROPERTY LAW

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FACSIMILE COVER SHEET

FAX NO : (703) 872-9306  
TO : Commissioner for Patents  
Mail Stop: Patent Application  
FROM : Oleg F. Kaplun, Esq.  
DATE : August 20, 2004  
SUBJECT : U.S. Patent Appl. Serial No. 10/627,987  
for *Superconducting Tapes*  
Our Ref.: 40121/00502

NUMBER OF PAGES INCLUDING COVER : 19

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MESSAGE:

Please see attached. Thank you.

IF ANY PAGES WERE NOT RECEIVED OR ARE ILLEGIBLE, PLEASE CALL (212) 619-6000 AS SOON AS POSSIBLE

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[40121/00502]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

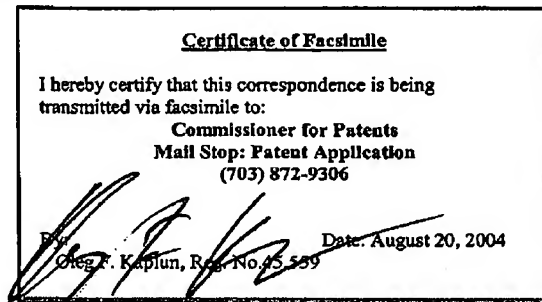
Applicant : Rupeng Zhao  
Serial No. : 10/627,987  
Filed : July 28, 2003  
For : SUPERCONDUCTING TAPES  
Group Art Unit : 1725  
Examiner : Colleen Cooke

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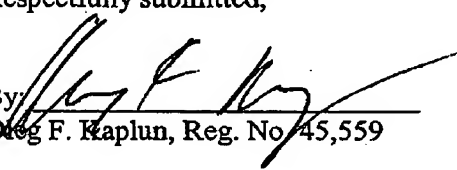
**TRANSMITTAL****SIR:**

In response to the Office Action mailed March 1, 2004 transmitted herewith please find an Amendment for filing in the above-identified application.

The Commissioner is hereby authorized to charge the three-month extension fee in the amount of \$950.00 to the Deposit Account of Fay Kaplun & Marcin, LLP No. 50-1492. If any further fees are required, please use the Deposit Account. A copy of this paper is enclosed for that purpose.

Respectfully submitted,

Dated: August 20, 2004

By:   
Greg F. Kaplun, Reg. No. 45,559

Fay Kaplun & Marcin, LLP  
150 Broadway, Suite 702  
New York, NY 10038  
Tel: (212) 619-6000  
Fax: (212) 619-0276

[40121/00502]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Rupeng ZHAO  
Serial No. : 10/627,987  
Filed : July 28, 2003  
For : SUPERCONDUCTING TAPES  
Group Art Unit : 1725  
Examiner : Colleen Cooke

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT UNDER 37 CFR 3.73(b)**

METAL MANUFACTURERS LIMITED hereby states that it is the assignee of the entire right, title, and interest of the above-identified application, co-pending U.S. Patent Application Serial No. 10/617,389 filed July 11, 2003 ('389 application) and prior U.S. Patent No. 6,600,939 issued July 29, 2003 ('939 patent). The assignment of the '389 application to Metal Manufacturers Limited was filed with the USPTO on February 18, 2004 and a copy of which is attached herewith. The assignment of the '939 patent to Metal Manufacturers Limited was recorded on September 4, 2002 and assigned Reel/Frame 013262/0746. The above-identified application is also owned by Metal Manufacturers Limited by way of an Assignment, which has been filed with the USPTO also on February 18, 2004 and a copy of which is attached herewith.

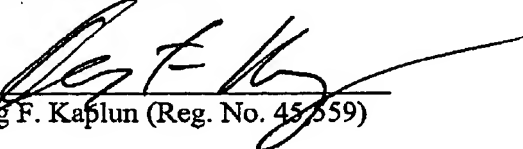
The undersigned is authorized to act on behalf of the assignee.

Respectfully submitted,

Dated:

*August 20, 2004*

By:

  
Oleg F. Kaplun (Reg. No. 45,559)

FAY KAPLUN & MARCIN, LLP  
150 Broadway, Suite 702  
New York, NY 10038  
Tel: (212) 619-6000  
Fax: (212) 619-0276

JONES  
VOLENTINE  
L.L.C. (6/2000)

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to

Insert Name(s)  
of Inventor(s) each of the undersigned

Rupeng Zhao

and

Insert Name(s)  
of Assignee(s) the undersigned hereby sell(s) and assign(s) to

Metal Manufactures Limited

Address

of 19-21 Loyalty Road, North Rocks NSW 2151, Australia

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35  
USC 100, in the invention known as

Title of  
Invention

"SUPERCONDUCTING TAPES"

for which an application for patent in the United States of America has been executed by the undersigned

Date of Signing  
of Application

on 15 Dec 2000

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

Page 1 of 2

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15:35

08/21/00

The undersigned hereby grant(s) to Raymond C. Jones, Reg. No. 34,631 and Adam C. Volentine, Reg. No. 33,289, of the firm of JONES VOLENTINE, L.L.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 15 Dec 2000, Name of Inventor Rupeng Zhao X  
 Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
 Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

(Note regarding Witnessing and/or Acknowledgment: Acknowledgment before a United States Consul is preferred but not required. If not acknowledged, then it is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even if it has not been acknowledged and/or witnessed.)

Witness M.H. Hobb  
 Witness F. D. ...

### ACKNOWLEDGMENT

\_\_\_\_\_  
 } ss  
 \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came the above-named \_\_\_\_\_

\_\_\_\_\_ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
 Official Signature

\_\_\_\_\_  
 Official Title

\*\*\*\*\*

Applicant Reference No.: PCT/AU99/00180 Atty Docket No.: BSW.006

Serial No.: 09/661,254 Filing Date: September 13, 2000

[40121/00302]

FORM PTO 1585

RECORDATION FORM COVER SHEET  
U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
**PATENTS ONLY**

To the Commissioner for Patents: Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Rupeng Zhao

Additional name(s) of conveying parties attached? ☐ Yes x No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution date: 12/15/2000

## 2. Name and address of receiving party(ies)

Name: METAL MANUFACTURERS LIMITED

Street Address:

19-21 LOYALTY ROAD  
NORTH ROCKS NSW 2051, AUSTRALIA

## 4. Application numbers or patent numbers:

A. Patent Applications: 10/617,389 filed on 7/11/2003

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Oleg F. Kaplun, Esq.  
Internal Address: Fay Kaplun & Marcin, LLPStreet Address: 150 Broadway, Suite 702  
City: New York State: New York ZIP: 100386. Total number of applications and patents involved: 1  
TITLE: SUPERCONDUCTING TAPES7. Total fee (37 C.F.R. 3.41) ..... \$ 40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Oleg F. Kaplun, (Reg. No. 45,559)

Name of Person Signing

Signature

Date

Total Number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Mail Stop: Assignments